

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055416.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 18:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 21 01:21:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.084	2896482	20.283 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	13.520	2254412	20.967 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
Target Compounds			
1) T n-Nonane (C9)	3.418	2178561	18.982 ug/ml
2) T n-Decane (C10)	4.677	2262599	19.422 ug/ml
3) T A~Naphthalene (C11.7)	6.398	2617214	19.498 ug/ml
4) T n-Dodecane (C12)	6.854	2334719	19.606 ug/ml
5) T A~2-methylnaphthalene...	7.499	2571115	19.720 ug/ml
6) T n-Tetradecane (C14)	8.691	2381805	19.426 ug/ml
7) T n-Hexadecane (C16)	10.307	2509395	19.629 ug/ml
8) T n-Octadecane (C18)	11.757	2626241	20.128 ug/ml
10) T n-Eicosane (C20)	13.071	2565930	20.450 ug/ml
11) T n-Heneicosane (C21)	13.686	2528306	20.511 ug/ml
13) T n-Docosane (C22)	14.275	2515220	20.596 ug/ml
14) T n-Tetracosane (C24)	15.381	2523511	20.747 ug/ml
15) T n-Hexacosane (C26)	16.406	2470183	20.646 ug/ml
16) T n-Octacosane (C28)	17.358	2457662	20.718 ug/ml
17) T n-Tricontane (C30)	18.248	2613587	21.240 ug/ml
18) T n-Dotriacontane (C32)	19.083	2770051	22.703 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2922737	24.998 ug/ml
20) T n-Hexatriacontane (C36)	20.610	2534500	23.189 ug/ml
21) T n-Octatriacontane (C38)	21.393	2235080	20.682 ug/ml
22) T n-Tetracontane (C40)	22.383	2698785	25.807 ug/mlm

(f)=RT Delta > 1/2 Window

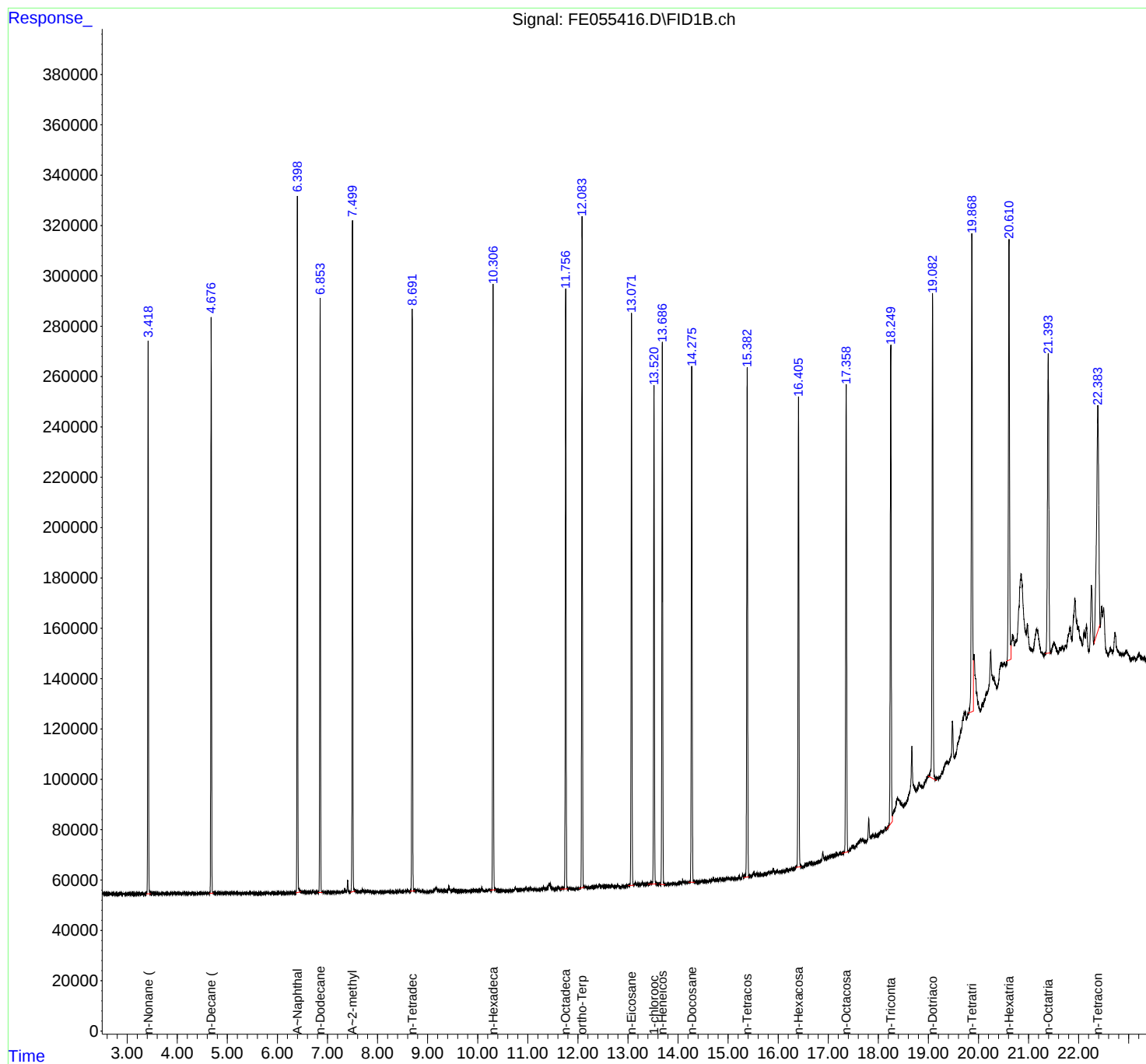
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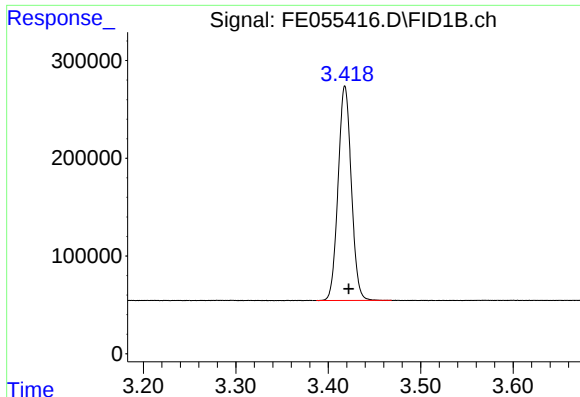
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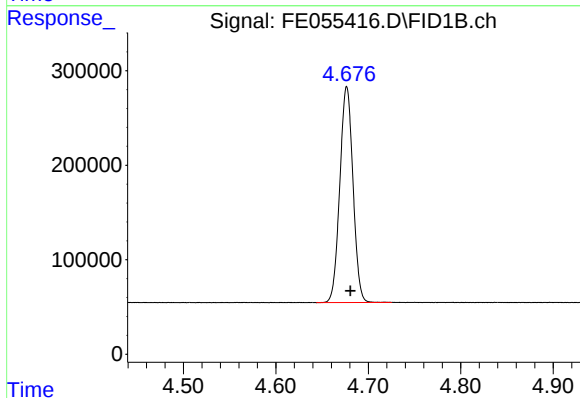




#1 n-Nonane (C9)

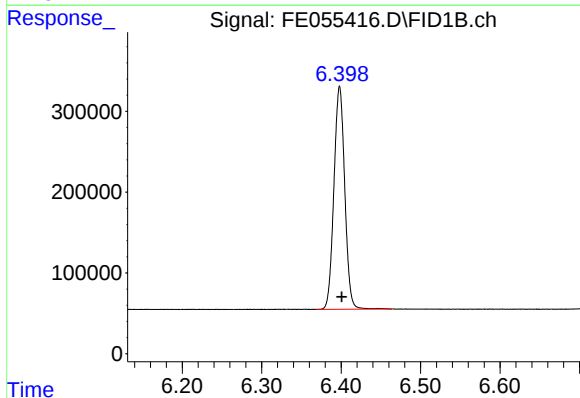
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2178561
Conc: 18.98 ug/ml

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20 PPM ALIPHATIC HC STD



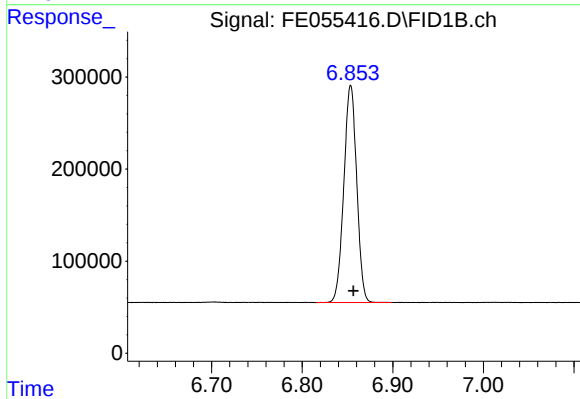
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 2262599
Conc: 19.42 ug/ml



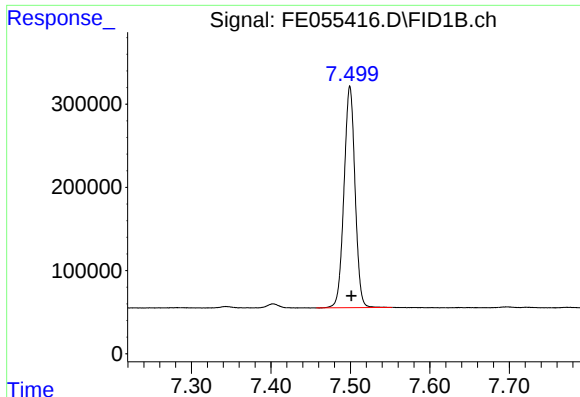
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 2617214
Conc: 19.50 ug/ml



#4 n-Dodecane (C12)

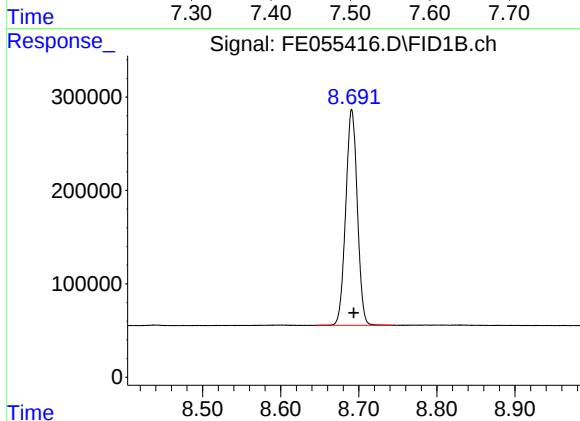
R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 2334719
Conc: 19.61 ug/ml



#5 A~2-methylnaphthalene (C12.89)

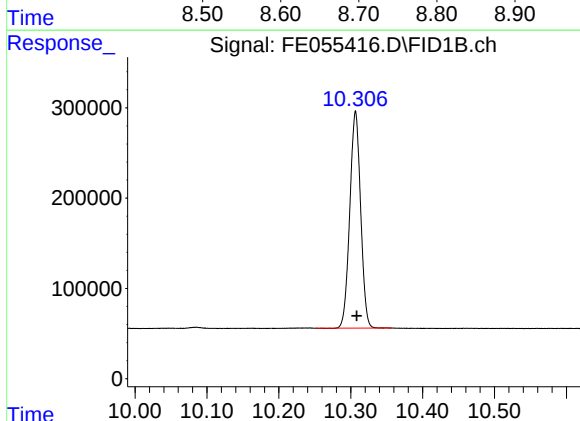
R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 2571115
Conc: 19.72 ug/ml

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20 PPM ALIPHATIC HC STD



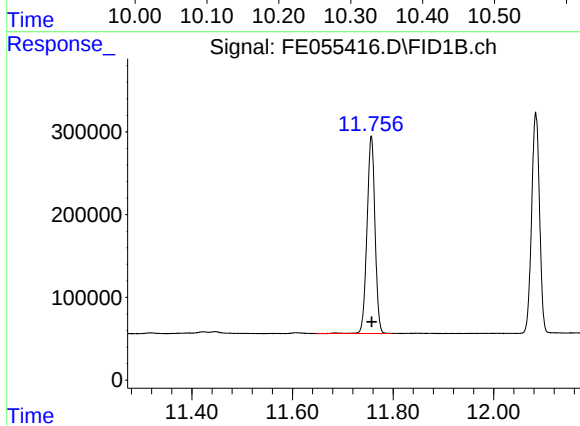
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2381805
Conc: 19.43 ug/ml



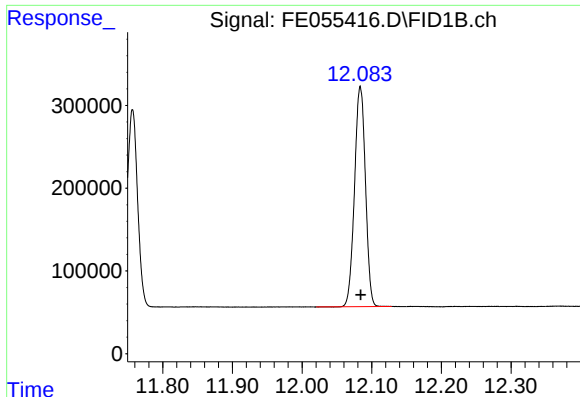
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 2509395
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

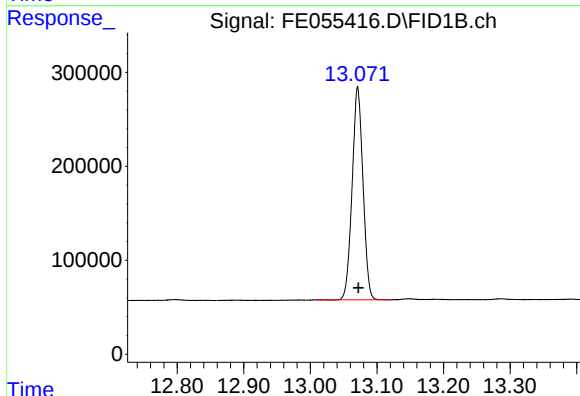
R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 2626241
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

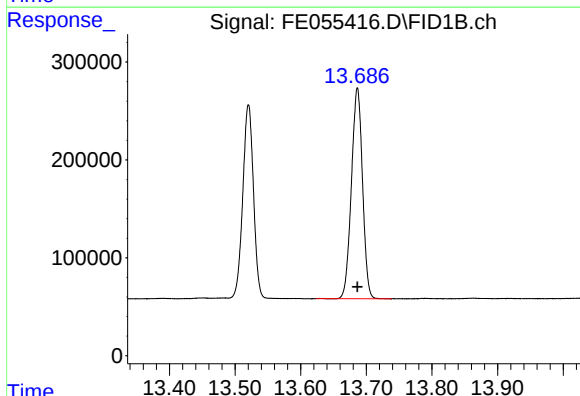
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 2896482
Conc: 20.28 ug/ml

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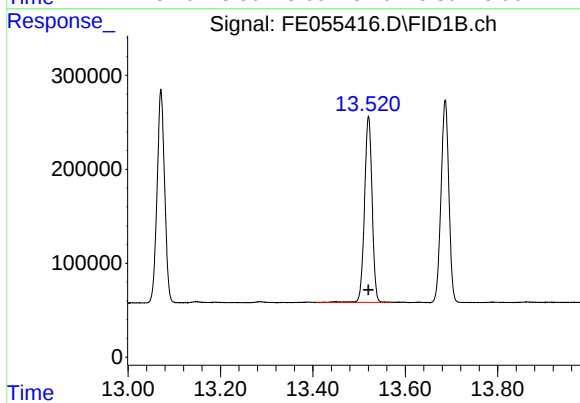
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.001 min
Response: 2565930
Conc: 20.45 ug/ml



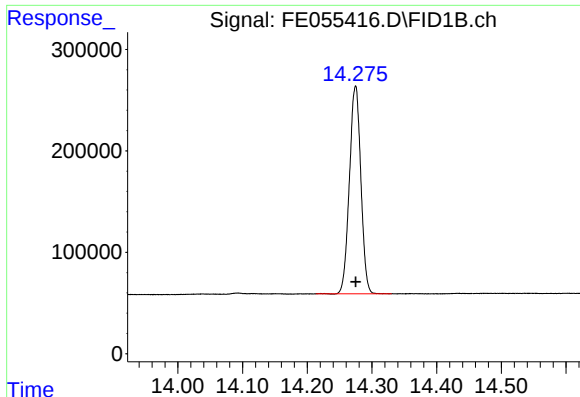
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2528306
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

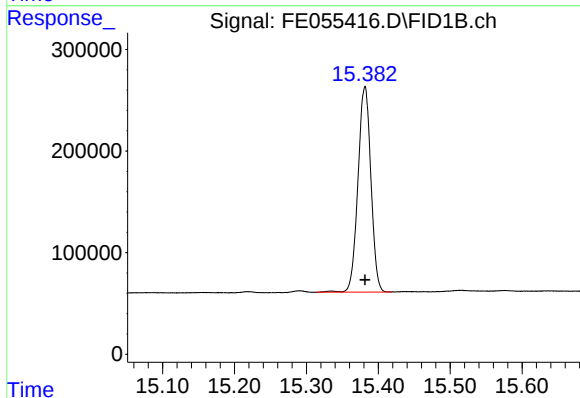
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2254412
Conc: 20.97 ug/ml



#13 n-Docosane (C22)

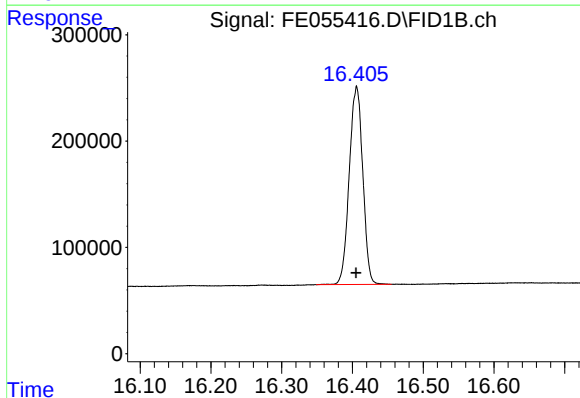
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2515220
Conc: 20.60 ug/ml

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20 PPM ALIPHATIC HC STD



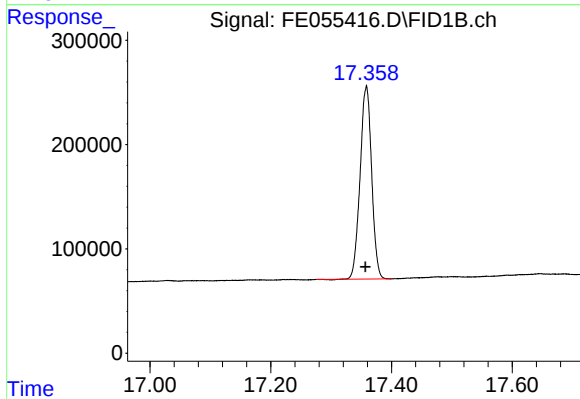
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 2523511
Conc: 20.75 ug/ml



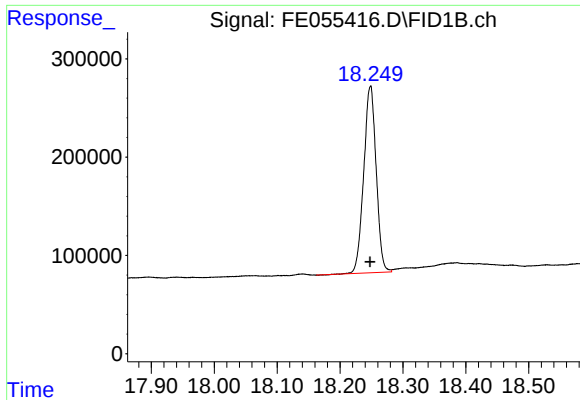
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.000 min
Response: 2470183
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

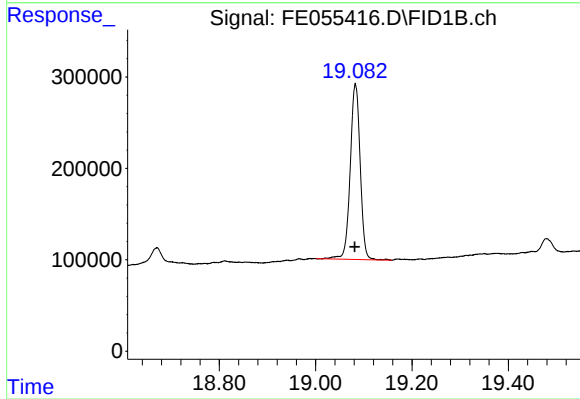
R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 2457662
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

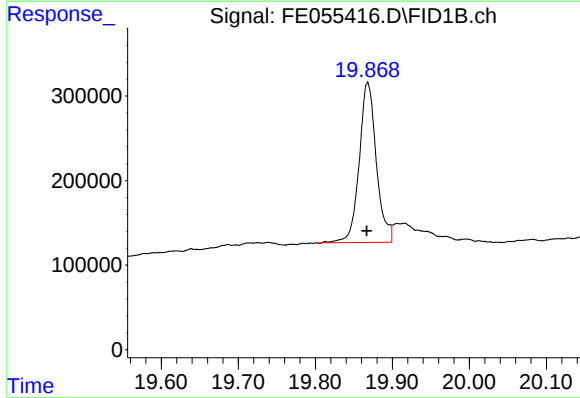
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2613587
Conc: 21.24 ug/ml

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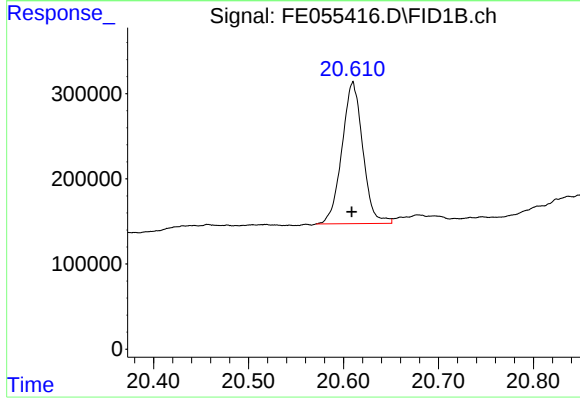
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.001 min
Response: 2770051
Conc: 22.70 ug/ml



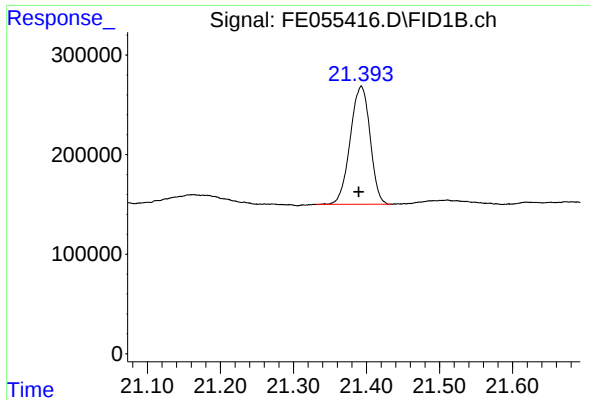
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 2922737
Conc: 25.00 ug/ml



#20 n-Hexatriacontane (C36)

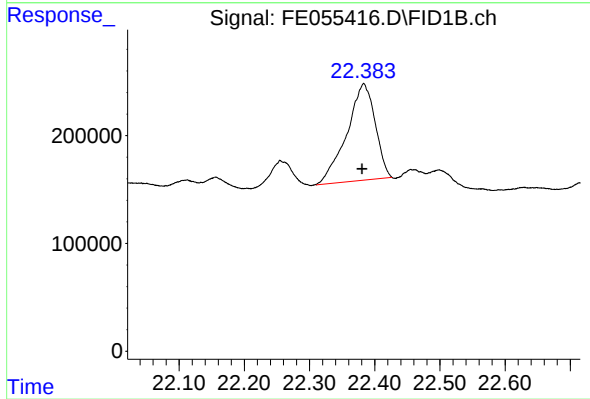
R.T.: 20.610 min
Delta R.T.: 0.001 min
Response: 2534500
Conc: 23.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.393 min
Delta R.T.: 0.003 min
Response: 2235080
Conc: 20.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.383 min
Delta R.T.: 0.002 min
Response: 2698785
Conc: 25.81 ug/ml m